Cezar Trusca *Data Analyst*

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🧠 Skills

Machine Learning & Statistics — Regression Analysis, A/B Testing, Statistical Analysis, Predictive Modeling, RLHF, AI Platforms

Data Analysis and Visualization — Pandas, NumPy, Scipy, PyTorch, Scikit-learn, Jupyter, Excel, Matplotlib, Seaborn, Tableau, Power BI

Programming Languages — Python, SQL, R, Java, TypeScript, C/C++, C#

Database Management and Cloud — PostgreSQL, MySQL, SQLite, MongoDB, Data Warehousing, AWS (Basic), Google Cloud Platform (Basic), Microsoft Office suite (Advanced), Git, GitHub, Jira, Confluence

📁 Projects

Educational Analytics
- Python/Flask/SQLite analytics system with Plotly visualizations
- Implemented FERPA-compliant security protocols
- Automated weekly stakeholder reports

Employee Portal
- Developed Python/SQL dashboard analyzing 5000+ employee records with 99.9% accuracy
- Created automated payroll anomaly alerts
- Designed ETL pipelines integrating multiple data sources

🗔 Certificates

NVDOE Licensed English Professor

AWS Certified ML Engineer - Associate — In progress

🎓 Education

Master of Science in Data Analytics
University of Nevada, Las Vegas
2025 – present | Las Vegas

Master in Computational Linguistics
University of Charles de Gaulle
2016 | Villeneuve d'Ascq, France

💼 Professional Experience

Data Analytics Specialist & Special Education Teacher
Clark County School District
10/2016 – 08/2024 | Las Vegas
- Wore multiple hats with mastery—serving as Supervisor, Teacher Trainer, LEA Rep, SPED Dept. Lead, and Theater Co-Director, all while driving measurable educational outcomes. Architected data tracking systems for 50+ students, catapulting academic performance by a staggering 30%, proving the power of strategic analytics in education.
- Commanded a team of 15+ educators and staff, leading training and supervision efforts that elevated instructional quality across the board. Built and deployed an effective custom Python analytics dashboard that was adopted at multiple schools by 9+ colleagues in special education to streamline performance reviews and academic reporting.
- Automated IEP documentation workflows, slashing processing time by 40% and eliminating hours of manual labor for faculty and administrators. Championed data-informed instructional strategies, directly driving a 25% increase in student achievement metrics—turning insight into real-world results.

Software Engineer
Freelance
07/2014 – 09/2016 | Villeneuve d'ascq, France
- Engineered enterprise-grade data pipelines using Python and .NET—processing over 200,000 records daily with seamless reliability and performance.
- Eliminated inefficiencies by creating automated reporting systems that cut manual data entry by 60%, saving clients both time and money.
- Implemented precision-focused ETL solutions, achieving 99.9% accuracy in complex data migrations across high-stakes environments.
- Designed high-performance SQL databases with query optimizations that delivered lightning-fast insights under heavy load.

Software Engineer
CFR
07/2013 – 07/2014 | Craiova, Romania
- Headlined cross-functional data analysis projects that drove a 20% boost in product performance—fusing analytics with engineering to power innovation
- Developed robust Python-based web scraping tools to extract and synthesize competitive market data for strategic decisions.
- Built automated systems to manage the full product lifecycle—streamlining data flow, reducing errors, and future-proofing operations.